

Amendment to the specification:

Replace the original Sequence Listing with the substitute Sequence Listing filed herewith..

*Please amend the paragraph beginning at page 79, line 1, as follows:*

Recombinant FGE is localized in the endoplasmic reticulum, which is compatible with the proposed site of its action. *FGly* residues are generated in newly synthesized sulfatases during or shortly after their translocation into the endoplasmic reticulum (Dierks et al., *Proc. Natl. Acad. Sci. U.S.A.*, 1997, 94:11963-11968; Dierks et al., *FEBS Lett.*, 1998, 423:61-65). FGE itself does not contain an ER-retention signal of the KDEL (SEQ ID NO:96) type. Its retention in the endoplasmic reticulum may therefore be mediated by the interaction with other ER proteins. Components of the translocation/ N-glycosylation machinery are attractive candidates for such interacting partners.